

PRODUCTION OF ALPHA-OLEFIN OLIGOMER

Patent number: JP8245431
Publication date: 1996-09-24
Inventor: ARAKI YOSHITAKE; NAKAMURA HIROFUMI;
AOSHIMA NORIYUKI; OKANO TAKESHI; IWADA
SHINJI
Applicant: MITSUBISHI CHEM CORP
Classification:
- international: C07C11/02; B01J31/14; C07C2/30; C08F4/69;
C08F10/00; C07B61/00
- european:
Application number: JP19950054557 19950314
Priority number(s): JP19950054557 19950314

Abstract of JP8245431

PURPOSE: To effectively remove a catalytic component from a reaction liquid in a process for producing an α -olefin oligomer, to obtain an α -olefin oligomer having improved purity and to reduce the load on a process after the removal of the catalyst. **CONSTITUTION:** An α -olefin oligomer is produced by using a chromium-based catalyst composed of a combination of at least (a) a chromium compound, (b) one or more kinds of compounds selected from amines, amides and imides and (c) an alkylaluminum compound, carrying out the oligomerization of an α -olefin in a reaction solvent in the presence of the catalyst, oxidizing the reaction liquid containing the catalytic component with an oxidizing gas and removing the precipitated catalytic component.

Data supplied from the **esp@cenet** database - Worldwide